

CLAIMS

1. A novel polypeptide ~~having~~ water channel activity
which has the amino acid sequence, within the molecule thereof,
5 shown in the sequence listing under SEQ ID NO:1.

2. A ^{isolated} nucleotide sequence which codes for a polypeptide
having, within the molecule thereof, the amino acid sequence
shown in the sequence listing under SEQ ID NO:1 and having water
10 channel activity.

3. The DNA sequence shown in the sequence listing under
SEQ (DI) NO:2.

15 4. A polypeptide ~~having~~ water channel activity which has
the amino acid sequence, within the molecule thereof, encoded
by the nucleotide No.173 to No.1198 of the nucleotide sequence
shown in the sequence listing under SEQ ID NO:2.

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